



Attorney Docket  
No. 67611

JFW

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): DIAS et al.

Appln. No.: 10/723,257

Title: CHEESE FLAVORING SYSTEMS  
PREPARED WITH  
BACTEROCINS

Group Art

Unit: 1761

Examiner: Not yet assigned

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

6/09/04

  
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Attorney for Applicant(s)

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents  
Attention: Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, a copy of each document listed below and on the enclosed Form PTO/SB/08A is submitted herewith.

<u>U.S. Patent No.</u>	<u>Inventor</u>	<u>Issue Date</u>
3,100,153	Knight	Aug. 6, 1963
3,975,544	Kosikowski	Aug. 17, 1976
4,119,732	Kratochvil	Oct. 10, 1978
4,172,900	Dooley	Oct. 30, 1979
4,244,971	Wargel et al.	Jan. 13, 1981
4,500,549	Crossman	Feb. 19, 1985
4,584,199	Taylor	Apr. 22, 1986
4,708,876	Yokoyama et al.	Nov. 24, 1987
4,716,045	Prella	Dec. 29, 1987
4,752,483	Hagberg et al.	June 21, 1988
5,211,972	Kratky et al.	May 18, 1993
5,262,183	Moran et al.	Nov. 16, 1993
5,271,949	Haring et al.	Dec. 21, 1993
5,356,640	Jameson et al.	Oct. 18, 1994
5,455,051	Groesbeck et al.	Oct. 3, 1995
5,527,505	Yamauchi et al.	June 18, 1996
5,549,916	Gamay	Aug. 27, 1996
5,635,228	Sponholtz	June 3, 1997
5,715,811	Ohki et al.	Feb. 10, 1998
5,753,614	Blackburn et al.	May 19, 1998
5,895,671	Adamany et al.	Apr. 20, 1999
5,952,022	Veal	Sept. 14, 1999
6,022,567	Lecouteux et al.	Feb. 8, 2000
6,054,151	Kwon et al.	Apr. 25, 2000
6,110,509	Nauth et al.	Aug. 29, 2000
6,214,585	Kwon et al.	Apr. 10, 2001
2001/0024667	Smith et al.	Sept. 27, 2001
6,406,724	Reddy et al.	June 18, 2002
6,562,383	Moran et al.	May 13, 2003

Foreign Publ. No.  
WO 01/47366

Inventor  
Smith

Publ. Date  
July 5, 2001

Other References

Tamime, A. et al., "The Quality of Processed Cheese Made From Reconstituted Skim Milk Powder Cheese Base," Egyptian J. Dairy Sci., 18:115-131 (1990).

Sood, V.K. and Kosikowski, F.V., "Process Cheddar Cheese from Plain and Enzyme Treated Retentates," 1979, J. Dairy Sci. 62:1713-1718.

Aly, M.E., Abdel-Baky, A.A., Farahat, S.M., "Quality of Processed Cheese Spread Made Using Ultrafiltered Retentates Treated with some Ripening Agents," 1995, Int. Dairy Journal 5, pp. 191-209.

Weimer, B. et al., "Influence of NaCl and pH on intracellular enzymes that influence Cheddar cheese ripening\*", 1977, Lait, pp. 383-398.

Rattray, Fergal P., and Fox, Patrick F., "Aspects of Enzymology and Biochemical Properties of *Brevibacterium linens* Relevant to Cheese Ripening: A Review<sup>1</sup>," 1999, J. Dairy Sci. pp. 82:891-909.

Urbach, G., Contribution of Lactic Acid Bacteria to Flavour Compound Formation in Dairy Products, Int. Dairy Journal 5 (1995) 877-903.

The Commissioner is hereby authorized to charge any fees which may be required in respect to this communication or credit any overpayment to Deposit Account No. 06-1135.

Respectfully submitted,

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JUN 14 2004

<b>PTO/SB/08A</b> Substitute for Form PTO-1449  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/723,257
				Filing Date	November 26, 2003
				First Named Inventor	DIAS et al.
				Art Unit	1761
				Examiner Name	Not yet assigned
Sheet	1	of	3	Attorney Docket	67611

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup>			
		US-3,100,153	08/06/1963	Knight	
		US-3,975,544	08/17/1976	Kosikowski	
		US-4,119,732	10/10/1978	Kratochvil	
		US-4,172,900	10/30/1979	Dooley	
		US-4,244,971	01/13/1981	Wargel et al.	
		US-4,500,549	02/19/1985	Crossman	
		US-4,584,199	04/22/1986	Taylor	
		US-4,708,876	11/24/1987	Yokoyama et al.	
		US-4,716,045	12/29/1987	Prella	
		US-4,752,483	06/21/1988	Hagberg et al.	
		US-5,211,972	05/18/1993	Kratky et al.	
		US-5,262,183	11/16/1993	Moran et al.	
		US-5,271,949	12/21/1993	Haring et al.	
		US-5,356,640	10/18/1994	Jameson et al.	
		US-5,455,051	10/03/1995	Groesbeck et al.	
		US-5,527,505	06/18/1996	Yamauchi et al.	
		US-5,549,916	08/27/1996	Gamay	
		US-5,635,228	06/03/1997	Sponholtz et al.	
		US-5,715,811	02/10/1998	Ohki et al.	
		US-5,753,614	05/19/1998	Blackburn et al.	
		US-5,895,671	04/20/1999	Adamany et al.	
		US-5,952,022	09/14/1999	Veal	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup>			
		WO 01/47366	07/05/2001	Smith	T <sup>6</sup>

Examiner Signature		Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



<b>PTO/SB/08A</b> Substitute for Form PTO-1449  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>	Application Number	10/723,257			
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## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

CITED PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup>			

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<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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				Examiner Name Not yet assigned
Sheet	3	of	3	Attorney Docket 67611

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		
		Tamime, A. et al., "The Quality of Processed Cheese Made From Reconstituted Skim Milk Powder Cheese Base," Egyptian J. Dairy Sci., 18:115-131 (1990) .		T <sup>2</sup>
		Sood, V.K. and Kosikowski, F.V., "Process Cheddar Cheese from Plain and Enzyme Treated Retentates," 1979, J. Dairy Sci. 62:1713-1718.		
		Aly, M.E., Abdel-Baky, A.A., Farahat, S.M., "Quality of Processed Cheese Spread Made Using Ultrafiltered Retentates Treated with some Ripening Agents," 1995, Int. Dairy Journal 5, pp. 191-209.		
		Weimer, B. et al., "Influence of NaCl and pH on intracellular enzymes that influence Cheddar cheese ripening*, " 1977, Lait, pp. 383-398.		
		Rattray, Fergal P., and Fox, Patrick F., "Aspects of Enzymology and Biochemical Properties of <i>Brevibacterium linens</i> Relevant to Cheese Ripening: A Review <sup>1</sup> ," 1999, J. Dairy Sci. pp. 82:891-909.		
		Urbach, G., Contribution of Lactic Acid Bacteria to Flavour Compound Formation in Dairy Products, Int. Dairy Journal 5 (1995) 877-903.		

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